

Amendments to the Specification:

This listing of substitute paragraphs for portions of the Specification will replace all prior versions, of the referenced sections in the present application:

In the Abstract (Currently Amended):

A system and method for creating and accessing an object in a computer system is disclosed provided. The computer system including an application and an operating system. The system and method comprises a plurality of application programming interfaces (APIs) calls in the operating system. The plurality of API calls being utilized to obtain and set state information related to the application. The system further comprises a record/playback application on the computer, the record/playback application being capable of generating and reading script based upon the API calls to record actions that represent the operations of the applications and to reply actions that represent operations of the application. A system and method in accordance with the present invention utilizes existing accessibility screen reader technologies in order to create automated script files to launch program events. This can be accomplished by capturing the actions that the user's mouse and keyboard events create during of launching of a program or application including, mouse clicks, commands, pull down menu selections, etc., by utilizing API calls to retrieve state information concerning the program application.

Paragraph beginning at Page 4, line 19 and ending at Page 5 line 2 (Currently Amended):

Figure 1 is a simple block diagram of a system 100 in accordance with the present invention. The system 100 comprises a record/playback application 104; an operating system 102 coupled to the record/playback 104 application 104 which includes accessibility APIs 103; and an

application 106 to be recorded. The record/playback application 400-104 is preferably implemented utilizing the accessibility API Suite by Microsoft. As is seen, state information 105 is the captured actions recorded by querying through the accessibility APIs from application 106.

Paragraph beginning at Page 5, line 9 and ending at Page 5 line 12 (Clean Version as Currently Amended):

In a preferred embodiment the system 100 is implemented by utilizing Windows 32-bit APIs, such as the Active Accessibility® SDK provided by Microsoft (Active Accessibility is a registered trademark of Microsoft Corporation, Washington), that report information about the object such as state (type of focus), name (file menu, pop-up, etc.), default action (open, close, edit, etc.) and Window handle.

Paragraph beginning at Page 5, line 13 and ending at Page 5 line 20 (Currently Amended):

One of ordinary skill in the art would recognize that the APIs could be of any type that allow for the described functions. Once all actions and information necessary to launch a specific application or function have been captured by the record/playback application, this information is then bundled together into a unique script file or linked to a new icon object residing on the computer's desktop using the embodiment of this invention. The resulting icon or script file can then be invoked easily by the computer user by a one-button mouse click, or other similar user action, resulting in a process which is easily and quickly repeatable at any time. As used herein, a computing system may include computer programs and a computer-readable medium device containing program instructions or program code, such as memory or a CD-R/RW

drive. Computer programs have been created for managing the computing system's access to the computer-readable medium devices.

Paragraph beginning at Page 5, line 21 and ending at Page 6 line 6 (Currently Amended):

Figure 2 is a detailed diagram of the record/playback application ~~406~~ 299 in accordance with the present invention. The record/playback application could be any of a variety of applications such as ScreenCam by Lotus. The record function 201 includes the Accessibility APIs calls which are utilized ~~utilized~~ to obtain the state information 202 from the application to be recorded. The record function of the record/playback application also includes a script generator 204 which interacts with element 202. The playback function 203 includes a script reader 205 which interacts with the APIs calls utilized to set the state information 206. As indicated previously, these APIs are already within the operating system and preferably are APIs related to the accessibility SDK program.

Clean Version of Amended Specification Sections

The below referenced paragraphs are the clean versions of substitute paragraphs for portions of the Specification as amended above, which replace all prior versions, of the referenced sections in the present application:

Paragraph beginning at Page 4, line 19 and ending at Page 5 line 2 (Clean Version as Currently Amended):

Figure 1 is a simple block diagram of a system 100 in accordance with the present invention. The system 100 comprises a record/playback application 104; an operating system 102 coupled to the record/playback application 104 which includes accessibility APIs 103; and an application 106 to be recorded. The record/playback application 104 is preferably implemented utilizing the accessibility API Suite by Microsoft. As is seen, state information 105 is the captured actions recorded by querying through the accessibility APIs from application 106.

Paragraph beginning at Page 5, line 9 and ending at Page 5 line 12 (Clean Version as Currently Amended):

In a preferred embodiment the system 100 is implemented by utilizing Windows 32-bit APIs, such as the Active Accessibility® SDK provided by Microsoft (Active Accessibility is a registered trademark of Microsoft Corporation, Washington), that report information about the object such as state (type of focus), name (file menu, pop-up, etc.), default action (open, close, edit, etc.) and Window handle.

Paragraph beginning at Page 5, line 13 and ending at Page 5 line 20 (Clean Version as

Currently Amended):

One of ordinary skill in the art would recognize that the APIs could be of any type that allow for the described functions. Once all actions and information necessary to launch a specific application or function have been captured by the record/playback application, this information is then bundled together into a unique script file or linked to a new icon object residing on the computer's desktop using the embodiment of this invention. The resulting icon or script file can then be invoked easily by the computer user by a one-button mouse click, or other similar user action, resulting in a process which is easily and quickly repeatable at any time. As used herein, a computing system may include computer programs and a computer-readable medium device containing program instructions or program code, such as memory or a CD-R/RW drive. Computer programs have been created for managing the computing system's access to the computer-readable medium devices.

Paragraph beginning at Page 5, line 21 and ending at Page 6 line 6 (Clean Version as

Currently Amended):

Figure 2 is a detailed diagram of the record/playback application 299 in accordance with the present invention. The record/playback application could be any of a variety of applications such as ScreenCam by Lotus. The record function 201 includes the Accessibility APIs calls which are utilized to obtain the state information 202 from the application to be recorded. The record function of the record/playback application also includes a script generator 204 which interacts with element 202. The playback function 203 includes a script reader 205 which interacts with the APIs calls utilized to set the state information 206. As indicated

previously, these APIs are already within the operating system and preferably are APIs related to the accessibility SDK program.